U.S. Department of Commerce, Patent and Trademark	Atty. Docket N .	Application No.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	STAN.078US1	10/682,576
	Applicant(s)	Conf. No.
(Use several sheets if necessary)	Suh et al.	Unknown
	Filing Date	Group
	10/8/03	~~Unknown~~ 2883

OIPE JAN 2 6 2004 PATENT & TRADEMARK OFFICE

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

U.S. Published Patent Application Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Cuw		Kittel, "Introduction to Solid State Physics," 7th Edition, *John Wiley & Sons, New York*, 1996, pp. 4-5.

Examiner	Date Considered
Linh Kalwoda	9-23-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark	Atty. Docket No.	Application No.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	STAN.078US1	10/682,576
	Applicant(s)	Conf. No.
(Use several sheets if necessary)	Suh et al.	Unknown
	Filing Date	Group
	10/8/03	~~Unknown~~ 2883

OIPE JC1 FEB 0 2 2004 PATENT & TRADEMARK OFFICE

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

U.S. Published Patent Application Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CMK	1	Noda et al., "Polarization Mode Control of Two-Dimensional Photonic Crystal Laser by Unit Cell Structure Design," www.sciencemag.org, August 10, 2001, Vol. 293, pp. 1123-1125.
CMK	2	Loh et al., "Sub-10 cm^3 Interferometric Accelerometer with Nano-g Resolution," *Journal of Microelectromechanical Systems*, Vol. 11, No. 3, June2002, pp. 182-187.
CMK	3	Erchak et al., "Enhanced Coupling to Vertical Radiation Using a Two-Dimensional Photonic Crystal in a Semiconductor Light-Emitting Diode, *Applied Physics Letters*, Vol. 78, No. 5, January 29, 2001, pp. 563-565.
CMK	4	Ryu et al., "Over 30-Fold Enhancement of Light Extraction from Free-Standing Photonic Crystal Slabs with IngaAs Quantum Dots at Low Temperature," *Applied Physics Letters*, Vol. 79, No. 22, November 26, 2001, pp. 3573-3575.
CMK	5	Meier et al., "Laser Action from Two-Dimensional Distributed Feedback in Photonic Crystals," *Applied Physics Letters*, Vol. 74, No. 1, January 4, 1999, pp. 7-9.
CMK	6	Fan, "Temporal Coupled Mode Theory for the Fano Resonance in Optical Resonators," pp. 1-14.
CMK	7	Magnusson et al., "New Principle for Optical Filters," *Appl. Phys. Letter,* 61 (9), August 31, 1992, pp. 1022-1024.
CMK	8	Ochiai et al., "Dispersion Relation and Optical Transmittance of a Hexagonal Photonic Crystal Slab," *Physical Review B*, Vol. 63, 125107-1 to 125107-7.
CMK	9	Solgaard et al., "Deformable Grating Optical Modulator," *Optics Letters*, Vol. 17, No. 9, May 1, 1992, pp. 688-690.

OIPE JC122
FEB 02 2004
PATENT & TRADEMARK OFFICE

	10	Hagelin et al., "Scalable Optical Cross-Connect Switch Using Micromachined Mirrors," *IEEE Photonics Technology Letters*, Vol. 12, No. 7, July 2000, pp. 882-884.
	11	Chang-Hasnain, "Tunable VCSEL," *IEEE Journal on Selected Topics in Quantum Electronics*, Vol. 6, No. 6, November/December 2000, pp. 978-987.
	12	Kanskar et al., "Observation of Leaky Slab Modes in an Air-Bridged Semiconductor Waveguide with a Two-Dimensional Photonic Lattice," *Appl. Phys. Lett.*, 70 (11), March 17, 1997, pp. 1438-1440.
	13	Astratov et al., "Resonant Coupling of Near-Infrared Radiation to Photonic Band Structure Waveguides," *Journal of Lightwave Technology*, Vol. 17, No. 11, November 1999, pp. 2050-2057.
	14	Fan et al., "Analysis of Guided Resonances in Photonic Crystal Slabs," *Physical Review B*, Vol. 65, 235112-1 to 235112-8.
	15	Hocker et al., "The Polychromator: A Programmable MEMS Diffraction Grating for Synthetic Spectra," *Solid-State Sensor and Actuator Workshop, Hilton Head Island, South Carolina*, June 4-8, 2000, pp. 89-92.
	16	Boroditsky, "Spontaneous Emission Extraction and Purcell Enhancement from Thin-Film 2-D Photonic Crystals," *Journal of Lightwave Technology*, Vol. 17, No. 11, November 1999, pp. 2096-2112.

Examiner	Date Considered 9-23-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.